



Dart Aerospace Ltd.
1270 Aberdeen St
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Canada

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D4417-041
Job Sheet 204620

Part No: D4417-041 Job Qty: 2 pcs
Part Name: Step Assembly

Part Weight: 0 lbs Status: New Priority: Medium
Job Created: 12/16/19 Job Tracking No:
Due Date: 1/16/20 Created By: Marie Lajeunesse
Type: SOLD Description:
Note: DWG REV B SHEETS 3,4 IPP REV:A NEW ISSUE 11-07-11 JLM VERIFIED BY:EC IPP REV:B 11.08.17 PER
REVB. DD VERF:JLM
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Large Fab - Steps - 1	2 pcs	1/16/20		0.00	3.52	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab -6		
							Large Fab - 7		ll
							Large Fab - 8		
							Large Fab - 9		
							Large Fab - 11 (Various)		
							Large Fab - 12		
120	QC 5	2 pcs	1/16/20		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		DAS
							QC 5 - 43		43
							QC 5 - 49		9-23
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		



Container No: S241472



Part: D4417-041
Job No: 204620
Serial No/Batch: S241472
Revision:
Inspector:
Exp Date:
Instructions: Various STC's

Dart Aerospace Ltd.
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CANADA
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www.dartaerospace.com

Date: 12/17/19

130 Handfinish - 1-1 Chemical-B4B	2 pcs	1/16/20	0.00 0.73	QC 5 - 81	
				Handfinish - 1 - 1 - B4B	
				Handfinish - 1 - 2 - B4B	
				Handfinish - 1 - 3 - B4B	★ DEC 19 2019
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 - B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
				Handfinish - 1 - 22 - B4B	
140 QC 7	2 pcs	1/16/20	0.00 0.00	QC 7 - 10	
				QC 7 - 13	
				QC 7 - 14	
				QC 7 - 15	
				QC 7 - 17	
				QC 7 - 18	
				QC 7 - 19	
				QC 7 - 2	
				QC 7 - 28	
				QC 7 - 3	
				QC 7 - 30	
				QC 7 - 34	
				QC 7 - 36	DAS
				QC 7 - 37	24
				QC 7 - 41	9-89
				QC 7 - 47	
				QC 7 - 48	
				QC 7 - 51	
				QC 7 - 58	
				QC 7 - 59	
				QC 7 - 60	
				QC 7 - 9	
				QC 7 - 68	
				QC 7 - 50	
				QC 7 - 67	
				QC 7 - 40	
				QC 7 - 24	
				QC 7 - 43	
				QC 7 - 61	
				QC 7 - 81	
				QC 7 - 76	
				QC 7 - 79	
150 Large Fab - Steps - 2 - B4B	2 pcs	1/16/20	0.00 3.52	Large Fab - 1 - B4B	
				Large Fab - 10 - B4B	
				Large Fab - 2 - B4B	
				Large Fab - 3 - B4B	

DAS
24
9-89

160 QC 10	2 pcs	1/16/20	0.00 0.00	Large Fab - 4 - B4B	
				Large Fab - 5 - B4B	
				Large Fab - 6 - B4B	
				Large Fab - 7 - B4B	LL
				Large Fab - 8 - B4B	
				Large Fab - 9 - B4B	
				Large Fab - 11 - B4B (Various)	
				Large Fab - 12 - B4B	
				QC 10 - 10	
				QC 10 - 18	
170 QC 5	2 pcs	1/16/20	0.00 0.00	QC 10 - 24	EPC
				QC 10 - 43	
				QC 10 - 50	
				QC 10 - 58	
				QC 10 - 9	
				QC 10 - 68	
				QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
180 Powdercoat - 1 White GI(A)- B4B	2 pcs	1/16/20	0.00 0.51	QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
190 Handfinish - 3-1- WingWalk- B4B	2 pcs	1/16/20	0.00 0.73	QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
				QC 5 - 61	
				QC 5 - 81	
				Powdercoat - 1 - B4B	
				Powdercoat - 2 - B4B	
				Powdercoat - 3 - B4B	BK 20-01-6
				Powdercoat - 4 - B4B	
				Handfinish - 3 - 1 - B4B	
200 QC 3	2 pcs	1/16/20	0.00 0.00	Handfinish - 3 - 2 - B4B	BEB 20-01-06
				Handfinish - 3 - 3 - B4B	
				Handfinish - 3 - 4 - B4B	
				Handfinish - 3 - 5 - B4B	
				QC 3 - 10	
				QC 3 - 13	
				QC 3 - 15	MA 20-01-6
				QC 3 - 17	
				QC 3 - 18	
				QC 3 - 2	
				QC 3 - 28	
				QC 3 - 3	
				QC 3 - 30	
				QC 3 - 34	
				QC 3 - 36	
				QC 3 - 41	
				QC 3 - 51	
				QC 3 - 58	

210 Packaging 3-1 - Stock - B4B	2 pcs	1/16/20	0.00 0.00	QC 3 - 59	
				QC 3 - 68	
				QC 3 - 9	
				QC 3 - 40	
				QC 3 - 19	
				QC 3 - 43	
				QC 3 - 24	
				QC 3 - 61	
				QC 3 - 81	
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
220 QC 21 - SA	2 pcs	1/16/20	0.00 0.00	Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	BEB2-01-06.
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS
220 QC 21 - SA	2 pcs	1/16/20	0.00 0.00	QC 21 - SA - 21	21
				QC 21 - SA - 70	9-83
				QC 21 - SA - 53	

JAN 06 2020

Part Op 100 - (Fabricate per Drwg), 1-Cut D2622 to 106"AS PER DWG 2-DRILL HOLES USING DT9765 3-CUT ENDS AT 45
Descriptions: DEG AS PER DWG 4- OPEN HOLES AT 0.508" AS PER DWG
120 - (QC5- Inspect part completeness to step on W/O)
130 - (Chemical Conversion Coat per QSI005 4.1)
140 - (QC7-Inspect Chemical Conversion Coat)
150 - (Weld per dwg A/R Aluminum rod Batch: 138989), 1-SWAGE TUBES AS PER DWG 2-Weld cap per dwg D4417 3-grind flush
160 - (QC10- Inspect visual per QSI004- ground welds)
170 - (QC5- Inspect part completeness to step on W/O)
180 - (White Gloss(Ref.4.3.5.1) per QSI005 4.3-Atom), 1-Touch up alodine START TIME: 8:45 - OVEN
TEMPERATURE: 320 FINISH TIME: 9:15
190 - (Wing Walk as per dwg QSI005 4.4 Batch: 3240464)
200 - (QC3- Inspect Part Finish)

210 - (Identify as per dwg & Stock Location: _____)
220 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D2622-120C	Step Extrusion	2 pcs (1 ea)	100-Large Fab - Steps - 1	5771766
D2734	Step End Plate	4 pcs (2 ea)	150-Large Fab - Steps - 2 - B4B	5725431
D4425-1	Step Spacer	4 pcs (2 ea)	150-Large Fab - Steps - 2 - B4B	5241865
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Large Fab - Steps - 1	D2622-120C	2	43	0
150-Large Fab - Steps - 2 - B4B	D2734	4	18	0
	D4425-1	4	0	0
Part Specifications				
Specifications could not be found.				

Plex 12/16/19 7:37 AM Dart.lajeunesse.marie

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



Route update only ☐

NCR No. _____

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Cross tube ☐ Eng. (Non-AW) ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Finishing ☐ Rec/Store/Packaging ☐ Skid-tube ☐ Machining ☐ Large Fab ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date: _____	Sequence #: _____	QTY Affected: _____		MRB (QSI042)			
Description Work Order Deviation		Disposition					
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐				Completed By _____ Lead hand / Supervisor _____ QC / QA Coordinator _____	

